

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) A computer system comprising:
at least two installed bootable devices, each having a and-respective host bridge associated therewith for connecting with a host bus~~bridges~~; and
a computer readable medium storing identification data for each of the installed bootable devices; and
the identification data including host bridge identification data.
2. (Original) The computer system of Claim 1 wherein the installed bootable devices comprise PCI devices.
3. (Original) The computer system of Claim 1 wherein the identification data further comprises a function number and a device number for each of the installed bootable devices.
4. (Original) The computer system of Claim 1 wherein the identification data further comprises a vendor identification and a device identification obtained from each of the installed bootable devices.

5. (Original) The computer system of Claim 1 further comprising:
a BIOS stored in the computer readable medium; and
the BIOS operable to access the identification data for each of the installed bootable devices and to display a list of the installed bootable devices in the computer system; and
the list including identification of a slot to which each of the installed bootable devices is coupled such that each of the installed bootable devices is uniquely identified.

6. (Original) The computer system of Claim 5 wherein the BIOS further comprises:
a setup routine;
the setup routine operable to display the installed bootable devices in a boot order;
and
the setup routine further operable to modify the boot order.

7. (Original) The computer system of Claim 1 wherein the identification data further comprises a device number associated with a slot to which the bootable device is coupled.

8. (Previously Presented) A method for identifying bootable devices in a computer system, the method comprising:
determining a bus number for each bootable device;
determining a host bridge number associated with each bus number of the computer system, wherein the host bridge number is associated with one of a plurality of host bridges;
reading identification data stored on each bootable device in the computer system; and
creating an identifier for each bootable device from at least the host bridge number and the identification data read from each bootable device.

9. (Original) The method of Claim 8 wherein the identification data includes a vendor identification and a device identification.

10. (Original) The method of Claim 8 further comprising:
determining a function number and a device number for each bootable device; and
incorporating the function number and the device number of each bootable device into
the identifier.

11. (Original) The method of Claim 8 wherein identifying at least two identical
bootable devices comprises:
reading vendor identification and device identification from identification data stored
on each identical bootable device;
determining a PCI function number and a PCI device number for each identical
bootable device; and
creating an identifier for each identical bootable device from the vendor identification,
device identification, PCI function number, PCI device number and host bridge number such
that each identical bootable device may be uniquely identified.

12. (Original) The method of Claim 8 further comprising displaying the identifier
for one or more of the bootable devices in a setup routine.

13. (Original) The method of Claim 8 further comprising displaying the identifier
for one or more of the bootable devices in a boot order.

14. (Original) The method of Claim 8 further comprising:
creating a slot list including a bus number, device number and function number
associated with each slot of the computer system;
comparing a bus number, device number and function number associated with each
bootable device to respective values in the slot list;
determining the device number of the slot to which each bootable device having a bus
number, device number and function number which does not match respective values
associated with each slot in the slot list is coupled; and
including the device number of the slot in the identifier for the bootable device.

15. (Previously Presented) A method for uniquely identifying bootable devices coupled to one or more slots in a computer system, the method comprising:

comparing a bus number, device number and function number associated with each of the bootable devices to a bus number, device number and function number associated with each of the slots;

determining a host bridge number associated with each bootable device having a bus number, device number and function number matching the bus number, device number and function number of a slot, wherein the host bridge number is associated with one of a plurality of host bridges; and

creating an identifier for each bootable device based on at least the host bridge number and identification data maintained by the bootable device.

16. (Original) The method of Claim 15 further comprising creating a slot list including the bus number, device number and function number of each slot in the computer system.

17. (Original) The method of Claim 15 further comprising reading the identification data from a memory maintained by the bootable device.

18. (Original) The method of Claim 15 further comprising storing the identifier for each bootable device in a memory of the computer system.

19. (Original) The method of Claim 15 further comprising:
determining the device number of the slot to which each bootable device having a bus number, device number and function number that is different from the bus number, device number and function number associated with each slot is coupled; and
including the device number of the slot in the identifier for each bootable device.

20. (Original) The method of Claim 15 further comprising displaying at least a portion of the identifier in a setup routine.

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6

21. (Previously Cancelled)